

FIG. 1

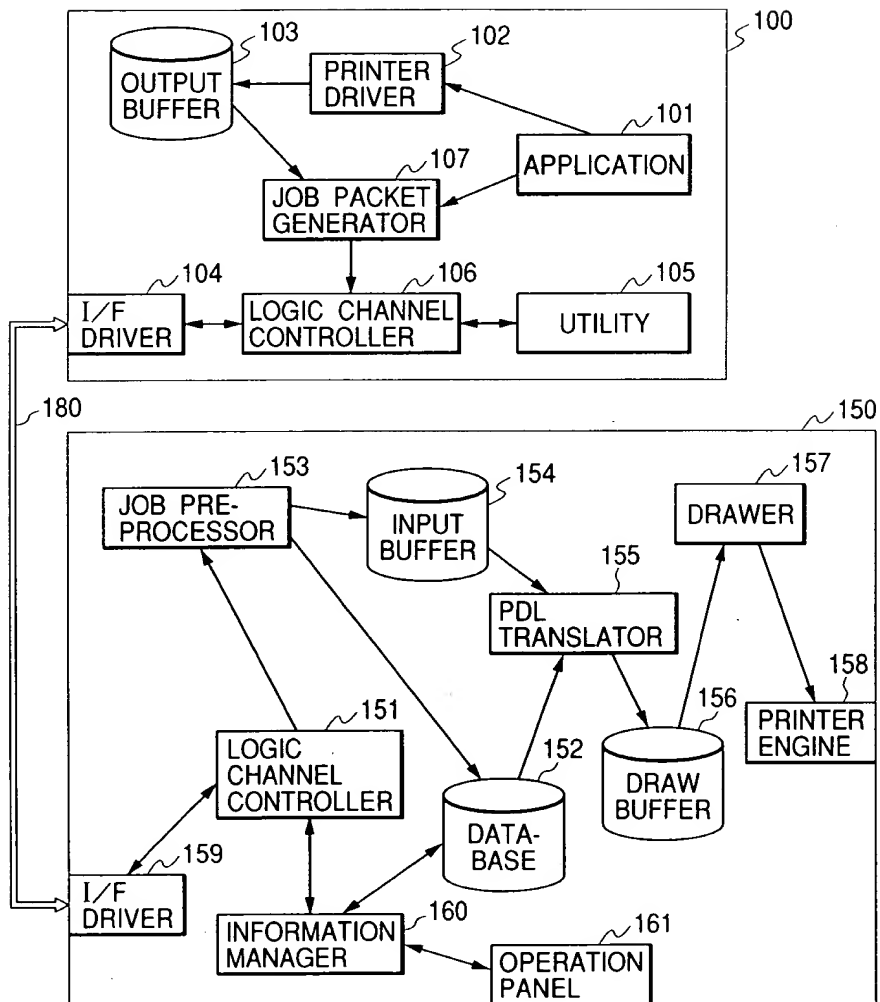


FIG. 2

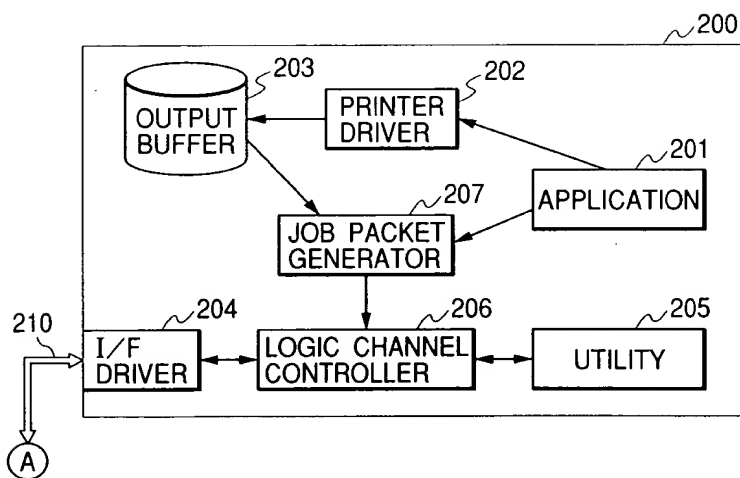


FIG. 3

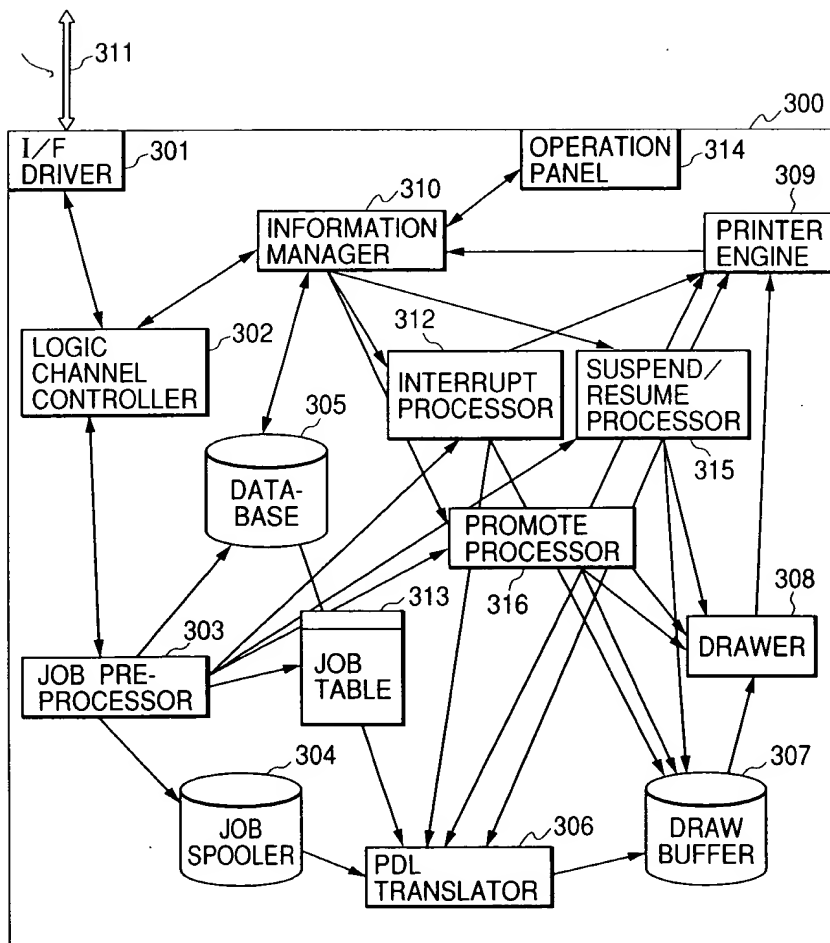


FIG. 4

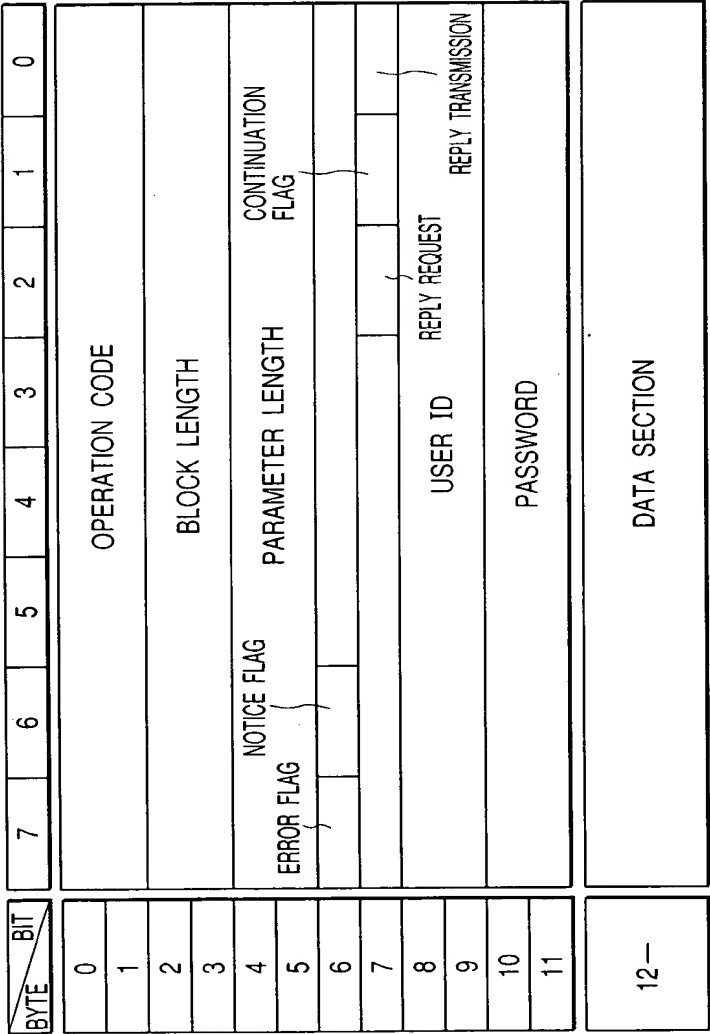


FIG. 5

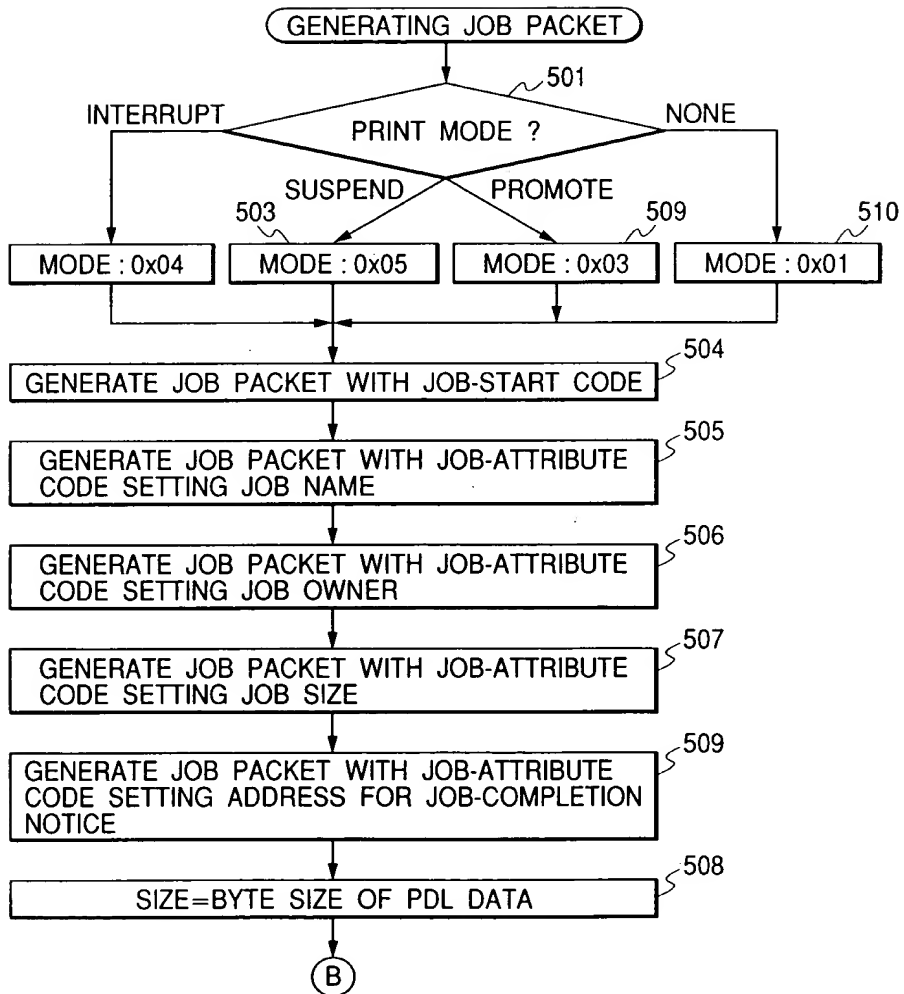


FIG. 6

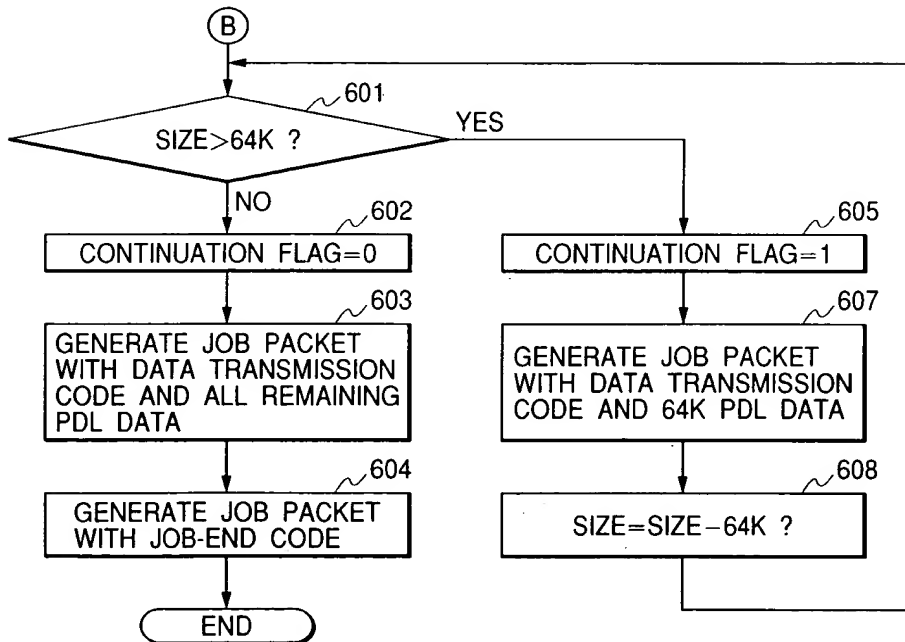


FIG. 7

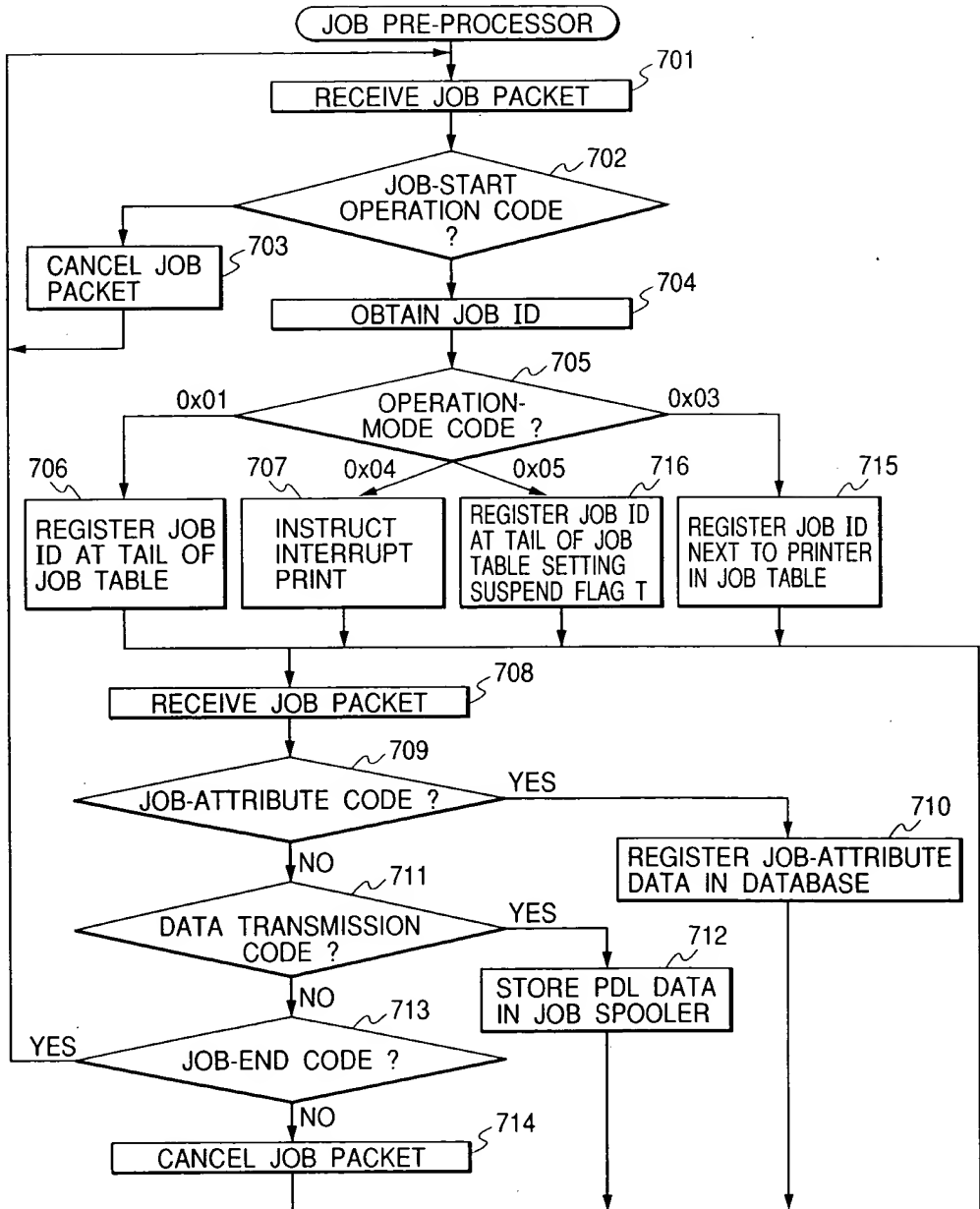


FIG. 8

POINTER
801

JOB ID	SUSPEND FLAG
1	F
2	F
3	F
4	F

8-1

POINTER
801

JOB 5
ADDED

JOB ID	SUSPEND FLAG
1	F
2	F
3	F
4	F
5	F

8-2

POINTER
801

JOB ID	SUSPEND FLAG
2	F
3	F
4	F
5	F

JOB 1
COMPLETED OR
CANCELLED

8-3

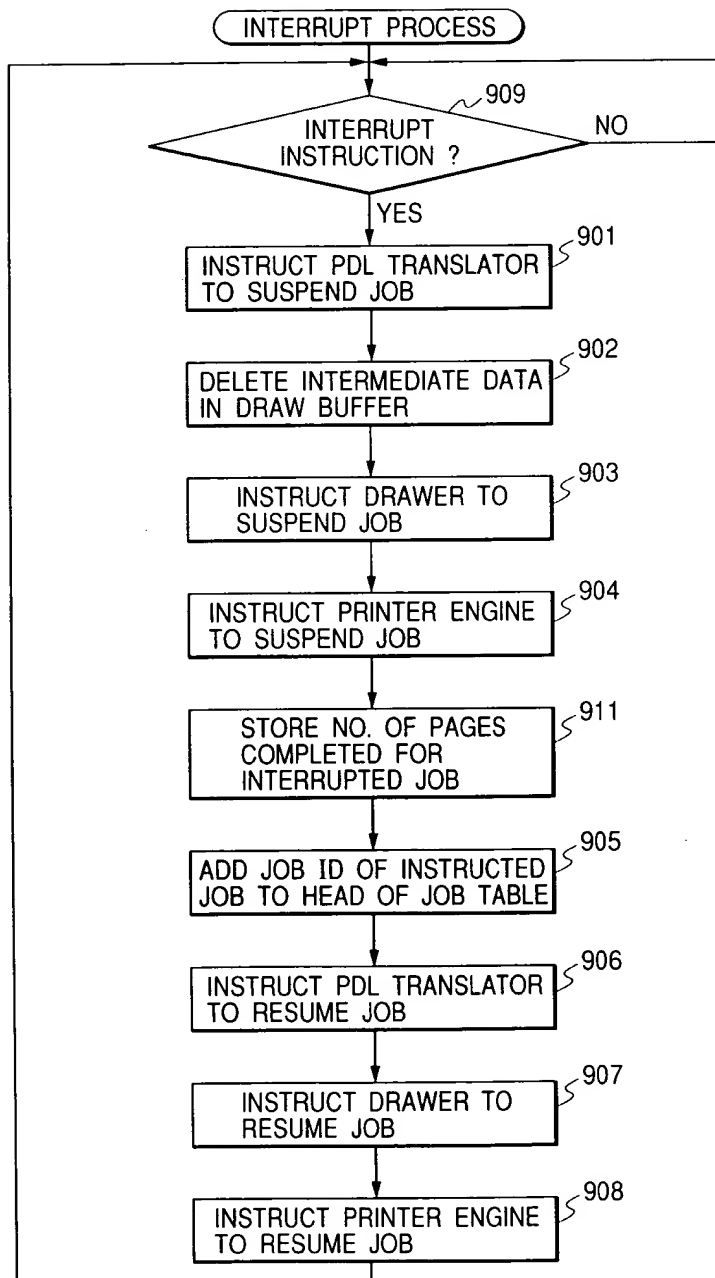
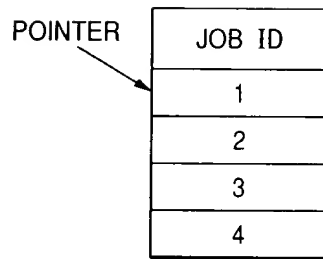
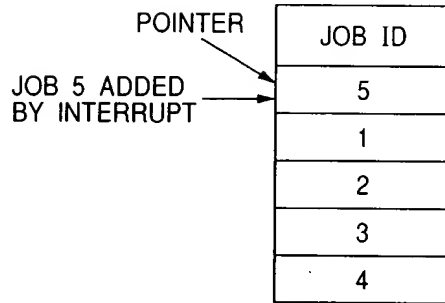
FIG. 9

FIG. 10

10-1



10-2

FIG. 11

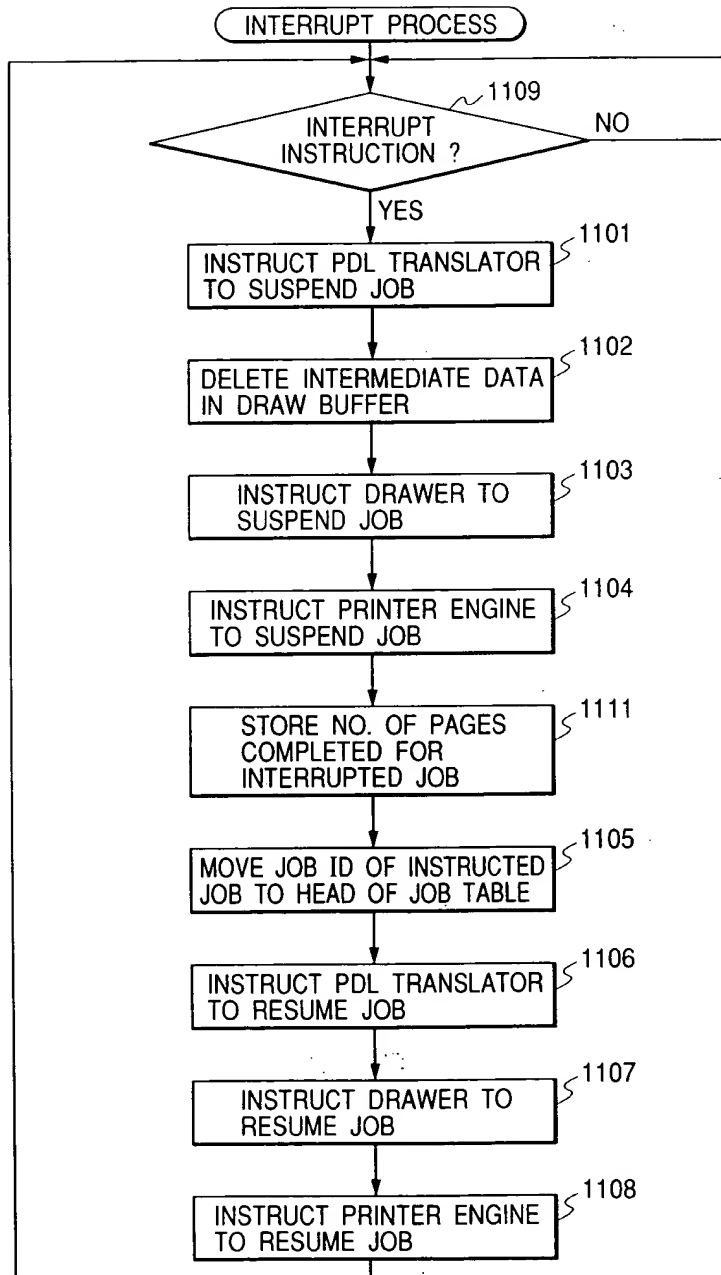


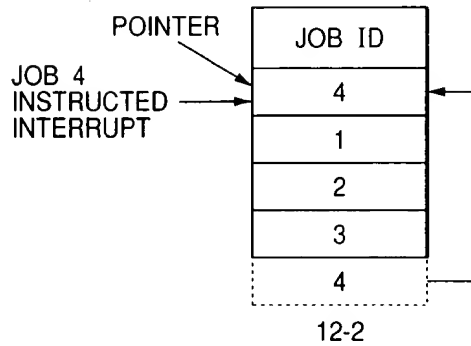
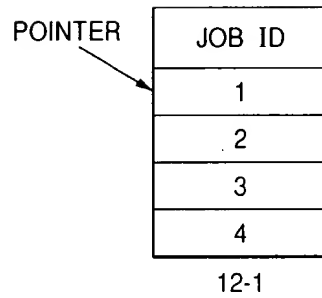
FIG. 12


FIG. 13

PROPERTY OF CANON LASER SHOP LBP-2260 ? X

MAIN PAPER LAYOUT DEVICE OPTION OVERLAY EJECT PAGE COMPOSER

OPERATION ☒ PRINT (R)
MODE : ☐ INTERRUPT PRINT (I)
☐ SUSPEND PRINT (E)
☐ PROMOTE PRINT (B)

☐ MOUNT SORTER (L)

PAPER
EJECT (F):  NO DESIGNATION ▼

EJECT TO (O): EJECT TRAY ▼

☐ PRINT BY COPY UNIT WITH HARD DISK (M)

RETURN TO STANDARD (D)

OK CANCEL APPLY (A) HELP

FIG. 14

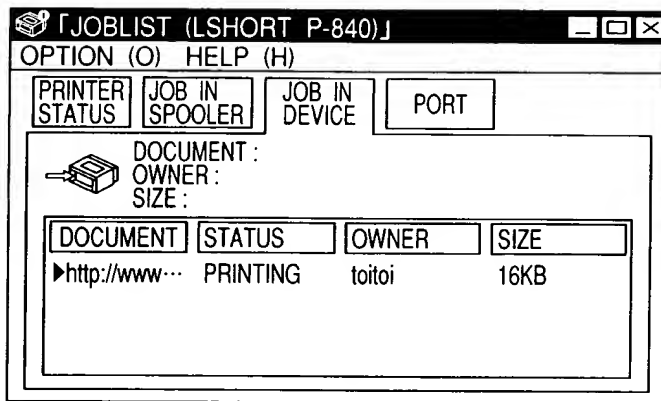


FIG. 15

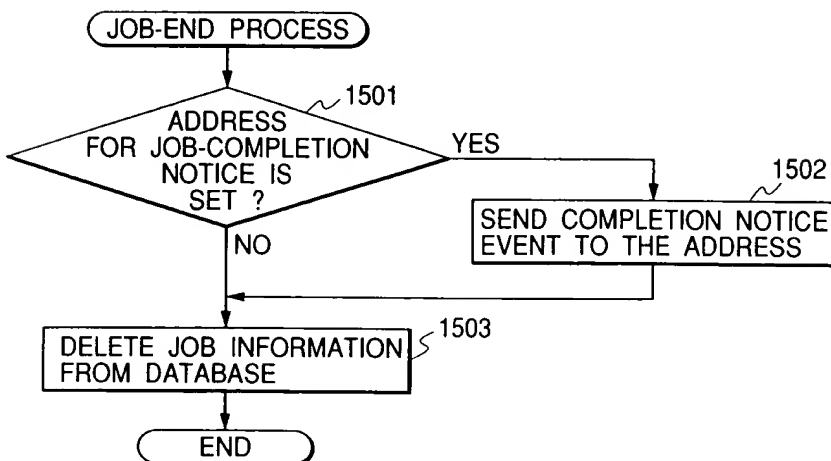


FIG. 17

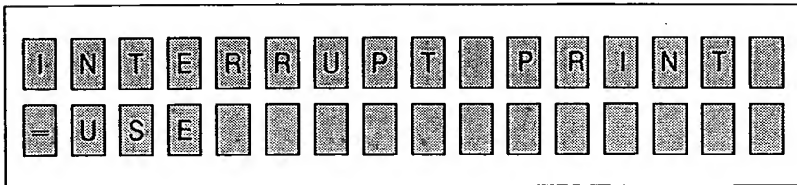
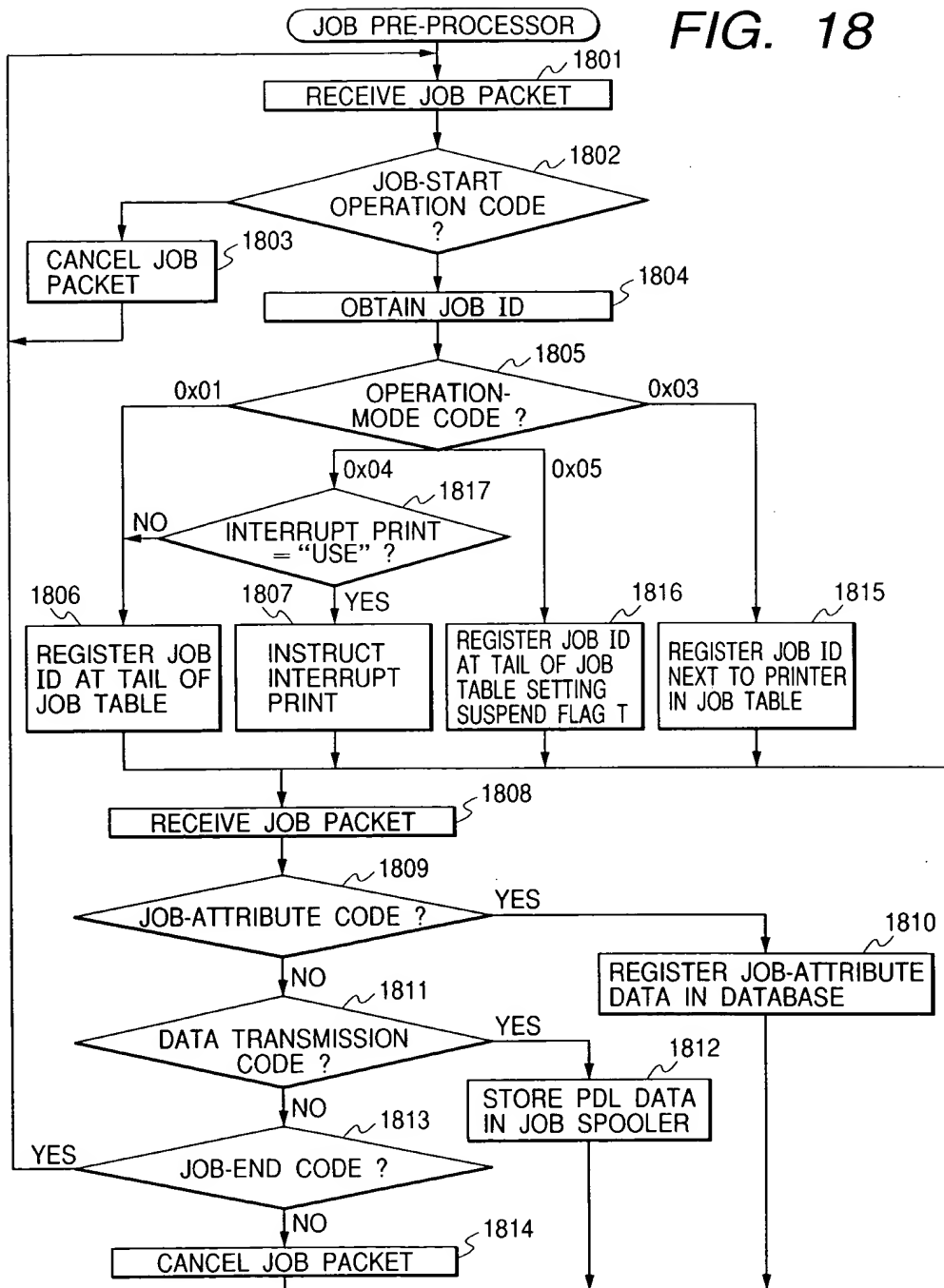


FIG. 18



The diagram illustrates the state of a job queue at three different points in time, labeled 19-1, 19-2, and 19-3. Each state is represented by a table with two columns: 'JOB ID' and 'SUSPEND FLAG'.

State 19-1:

JOB ID	SUSPEND FLAG
1	F
2	F
3	F
4	T

A 'POINTER' arrow points to the first row (Job 1).

State 19-2:

JOB ID	SUSPEND FLAG
1	F
2	F
3	F
5	F
4	T

A 'POINTER' arrow points to the second row (Job 2). A label 'JOB 5 ADDED' with an arrow points to the fourth row (Job 5).

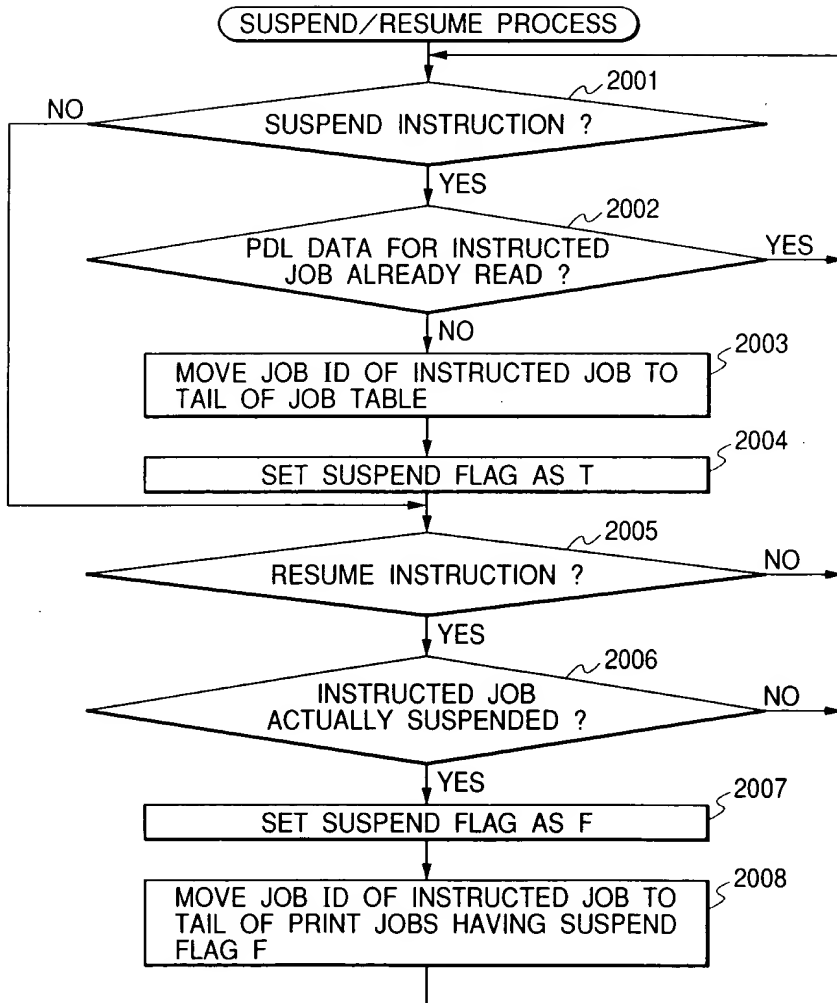
State 19-3:

JOB ID	SUSPEND FLAG
2	F
3	F
5	F
4	T

A 'POINTER' arrow points to the first row (Job 2). A label 'JOB 1 COMPLETED' is shown to the right of the table.

JOB 1
COMPLETED

FIG. 20



$\left\{ \begin{array}{l} \text{The first part of the document} \\ \text{The second part of the document} \\ \text{The third part of the document} \\ \text{The fourth part of the document} \\ \text{The fifth part of the document} \\ \text{The sixth part of the document} \\ \text{The seventh part of the document} \\ \text{The eighth part of the document} \\ \text{The ninth part of the document} \\ \text{The tenth part of the document} \\ \text{The eleventh part of the document} \\ \text{The twelfth part of the document} \\ \text{The thirteenth part of the document} \\ \text{The fourteenth part of the document} \\ \text{The fifteenth part of the document} \\ \text{The sixteenth part of the document} \\ \text{The seventeenth part of the document} \\ \text{The eighteenth part of the document} \\ \text{The nineteenth part of the document} \\ \text{The twentieth part of the document} \\ \text{The twenty-first part of the document} \\ \text{The twenty-second part of the document} \\ \text{The twenty-third part of the document} \\ \text{The twenty-fourth part of the document} \\ \text{The twenty-fifth part of the document} \\ \text{The twenty-sixth part of the document} \\ \text{The twenty-seventh part of the document} \\ \text{The twenty-eighth part of the document} \\ \text{The twenty-ninth part of the document} \\ \text{The thirtieth part of the document} \\ \text{The thirty-first part of the document} \\ \text{The thirty-second part of the document} \\ \text{The thirty-third part of the document} \\ \text{The thirty-fourth part of the document} \\ \text{The thirty-fifth part of the document} \\ \text{The thirty-sixth part of the document} \\ \text{The thirty-seventh part of the document} \\ \text{The thirty-eighth part of the document} \\ \text{The thirty-ninth part of the document} \\ \text{The fortieth part of the document} \\ \text{The forty-first part of the document} \\ \text{The forty-second part of the document} \\ \text{The forty-third part of the document} \\ \text{The forty-fourth part of the document} \\ \text{The forty-fifth part of the document} \\ \text{The forty-sixth part of the document} \\ \text{The forty-seventh part of the document} \\ \text{The forty-eighth part of the document} \\ \text{The forty-ninth part of the document} \\ \text{The fiftieth part of the document} \\ \text{The fifty-first part of the document} \\ \text{The fifty-second part of the document} \\ \text{The fifty-third part of the document} \\ \text{The fifty-fourth part of the document} \\ \text{The fifty-fifth part of the document} \\ \text{The fifty-sixth part of the document} \\ \text{The fifty-seventh part of the document} \\ \text{The fifty-eighth part of the document} \\ \text{The fifty-ninth part of the document} \\ \text{The sixtieth part of the document} \\ \text{The sixty-first part of the document} \\ \text{The sixty-second part of the document} \\ \text{The sixty-third part of the document} \\ \text{The sixty-fourth part of the document} \\ \text{The sixty-fifth part of the document} \\ \text{The sixty-sixth part of the document} \\ \text{The sixty-seventh part of the document} \\ \text{The sixty-eighth part of the document} \\ \text{The sixty-ninth part of the document} \\ \text{The seventieth part of the document} \\ \text{The seventy-first part of the document} \\ \text{The seventy-second part of the document} \\ \text{The seventy-third part of the document} \\ \text{The seventy-fourth part of the document} \\ \text{The seventy-fifth part of the document} \\ \text{The seventy-sixth part of the document} \\ \text{The seventy-seventh part of the document} \\ \text{The seventy-eighth part of the document} \\ \text{The seventy-ninth part of the document} \\ \text{The eightieth part of the document} \\ \text{The eighty-first part of the document} \\ \text{The eighty-second part of the document} \\ \text{The eighty-third part of the document} \\ \text{The eighty-fourth part of the document} \\ \text{The eighty-fifth part of the document} \\ \text{The eighty-sixth part of the document} \\ \text{The eighty-seventh part of the document} \\ \text{The eighty-eighth part of the document} \\ \text{The eighty-ninth part of the document} \\ \text{The ninetieth part of the document} \\ \text{The ninety-first part of the document} \\ \text{The ninety-second part of the document} \\ \text{The ninety-third part of the document} \\ \text{The ninety-fourth part of the document} \\ \text{The ninety-fifth part of the document} \\ \text{The ninety-sixth part of the document} \\ \text{The ninety-seventh part of the document} \\ \text{The ninety-eighth part of the document} \\ \text{The ninety-ninth part of the document} \\ \text{The hundredth part of the document} \end{array} \right.$

21-121-2

→

21-3

JOBS 1, 2, 3 AND 4
COMPLETED

$\left\{ \begin{array}{l} \text{ } \end{array} \right.$

22-1

JOB 3 CHANGED
TO SUSPENDED
JOB

22-2

22-3

FIG. 23

JOB ID	SUSPEND FLAG
1	F
2	F
3	T
4	F

23-1

JOB ID	SUSPEND FLAG
2	F
3	T
4	F

23-2

JOB ID	SUSPEND FLAG
2	F
3	F
4	F

23-3

FIG. 24

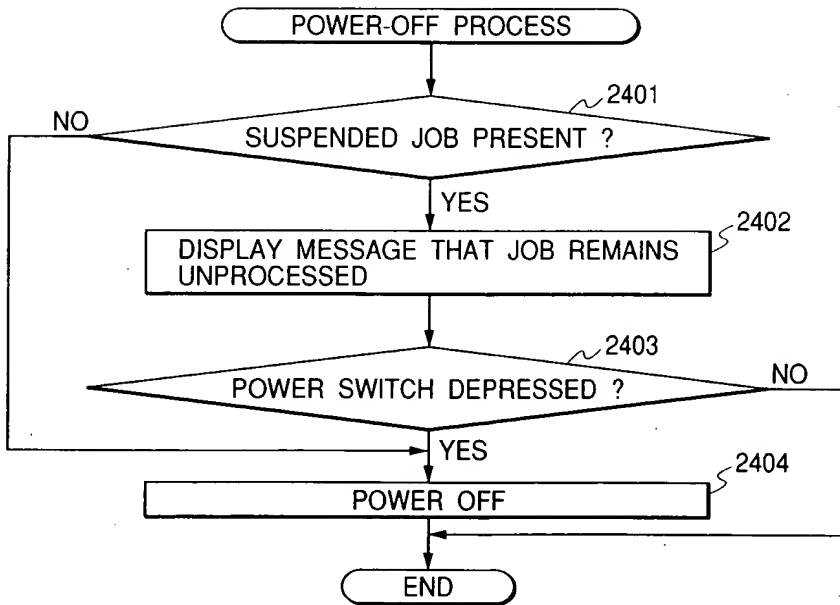


FIG. 25

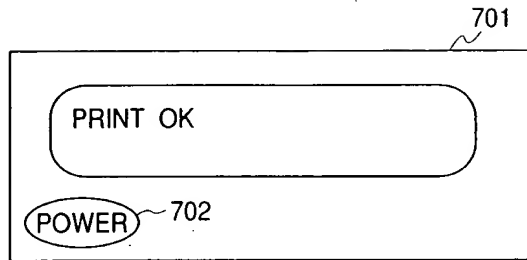
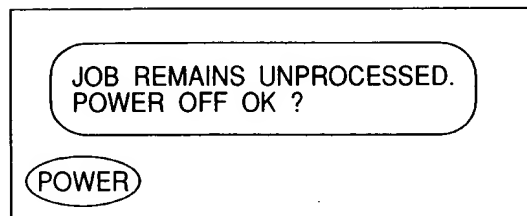


FIG. 26



00420206-122000

FIG. 27

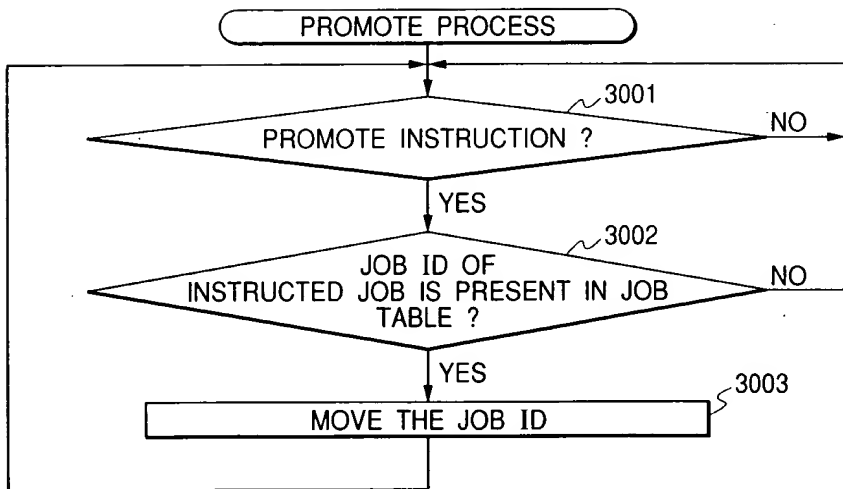


FIG. 28

POINTER

JOB ID
2
3
4
5

28-1

POINTER

JOB 5 CHANGED
TO PROMOTED
JOB

JOB ID
2
5
3
4
5

28-2

FIG. 29

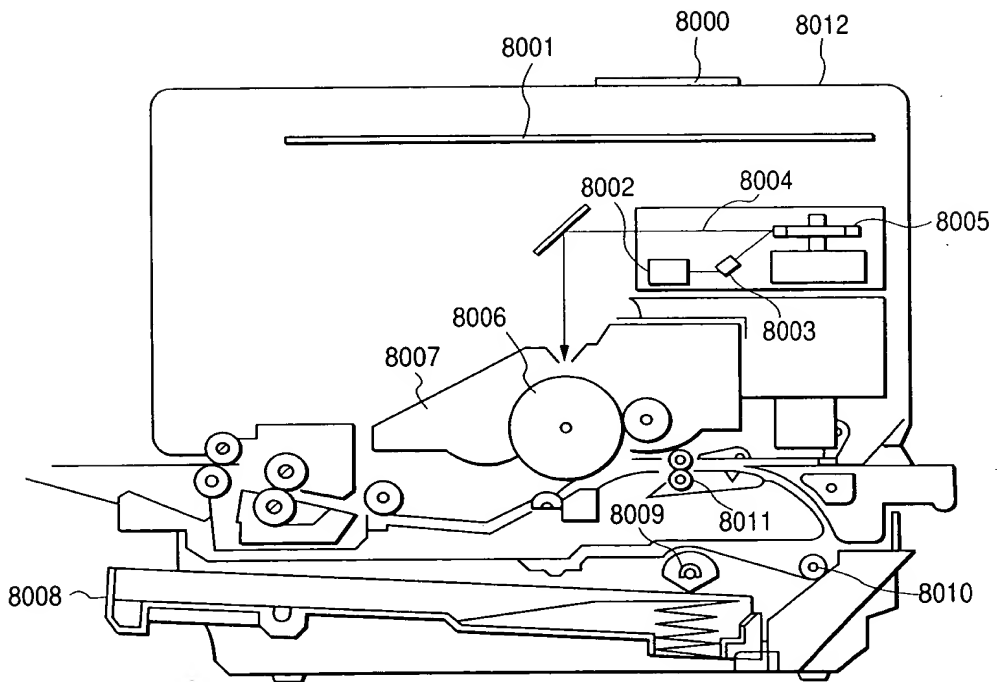


FIG. 31

FOR PRINTER
CONTROL PROGRAM FOR I/F DRIVER
CONTROL PROGRAM FOR LOGIC CHANNEL CONTROLLER
CONTROL PROGRAM FOR JOB PRE-PROCESSOR
CONTROL PROGRAM FOR PDL TRANSLATOR
CONTROL PROGRAM FOR INTERRUPT PROCESSOR
CONTROL PROGRAM FOR SUSPEND/RESUME PROCESSOR
CONTROL PROGRAM FOR PROMOTE PROCESSOR
CONTROL PROGRAM FOR INFORMATION MANAGER
CONTROL PROGRAM FOR DRAWER
CONTROL PROGRAM FOR PRINTER ENGINE
CONTROL PROGRAM FOR OPERATION PANEL
CONTROL PROGRAM FOR FLOWCHART OF FIG. 7
CONTROL PROGRAM FOR FLOWCHART OF FIG. 9
CONTROL PROGRAM FOR FLOWCHART OF FIG. 11
CONTROL PROGRAM FOR FLOWCHART OF FIG. 15
CONTROL PROGRAM FOR FLOWCHART OF FIG. 18
CONTROL PROGRAM FOR FLOWCHART OF FIG. 20
CONTROL PROGRAM FOR FLOWCHART OF FIG. 24
CONTROL PROGRAM FOR FLOWCHART OF FIG. 27
OTHER CONTROL PROGRAM

FOR HOST COMPUTER
CONTROL PROGRAM FOR I/F DRIVER
CONTROL PROGRAM FOR LOGIC CHANNEL CONTROLLER
CONTROL PROGRAM FOR PRINTER DRIVER
CONTROL PROGRAM FOR APPLICATION
CONTROL PROGRAM FOR JOB PACKET GENERATOR
CONTROL PROGRAM FOR UTILITY
CONTROL PROGRAM FOR FLOWCHART OF FIG. 5
CONTROL PROGRAM FOR FLOWCHART OF FIG. 6

FIG. 32

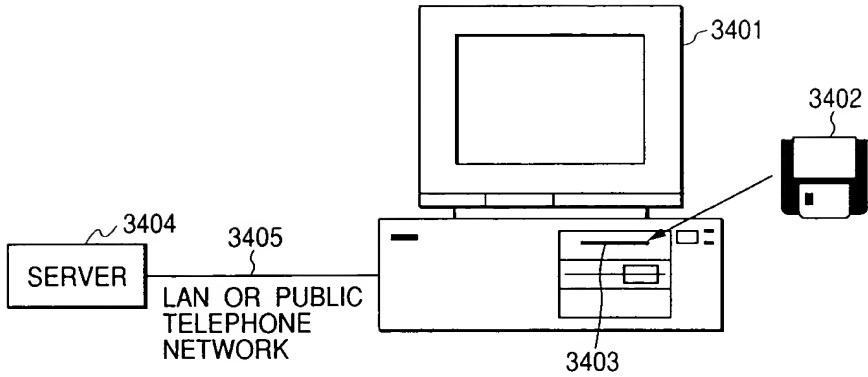


FIG. 34

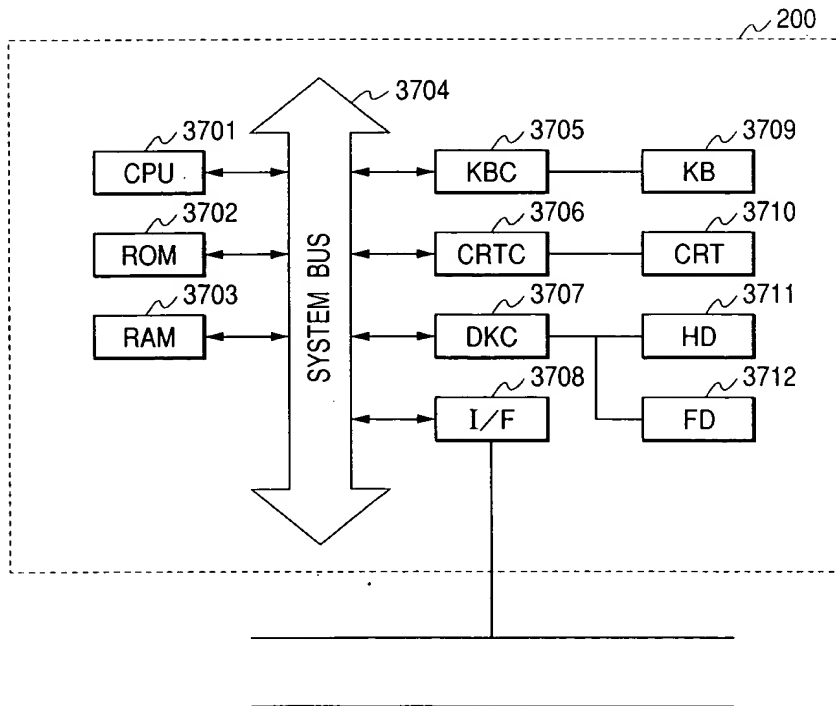


FIG. 33

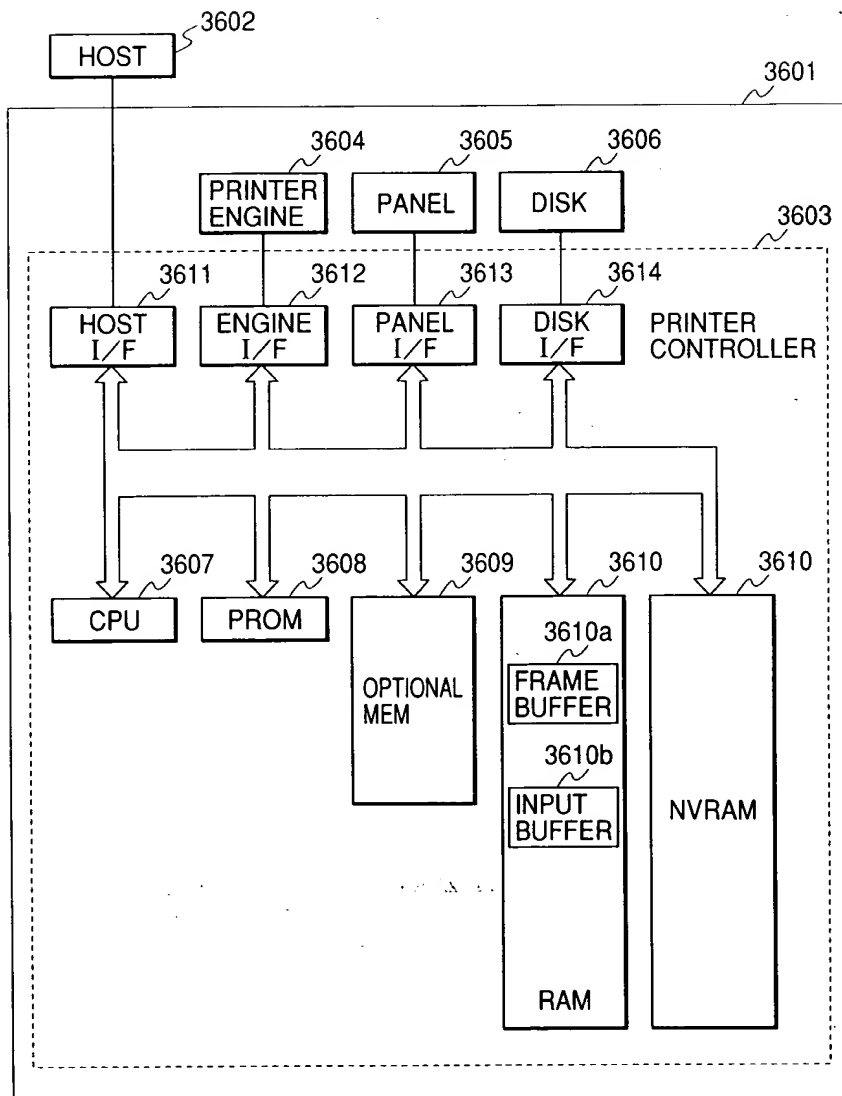


FIG. 35

JOB ID	STATUS	PAGE BUFFER	ANALYSIS INFORMATION	OUTPUT INFORMATION	NETWORK
1	OUTPUTTING	100000		10000	
2	WAITING FOR OUTPUT	180000			111.22.33.44
3	ANALYZING		11000		111.22.33.47

MANAGEMENT TABLE

FIG. 36

100000	RULE	START	END	LINE THICKNESS	100010
CHR	FONT NAME	START	NO. OF CHRS		
100050	RECTANGLE	START	END	LINE THICKNESS	100060

INTERMEDIATE DATA IN DRAW BUFFER

FIG. 37

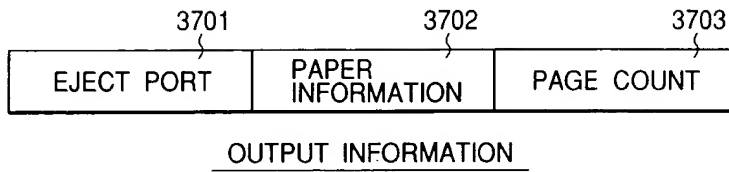


FIG. 39

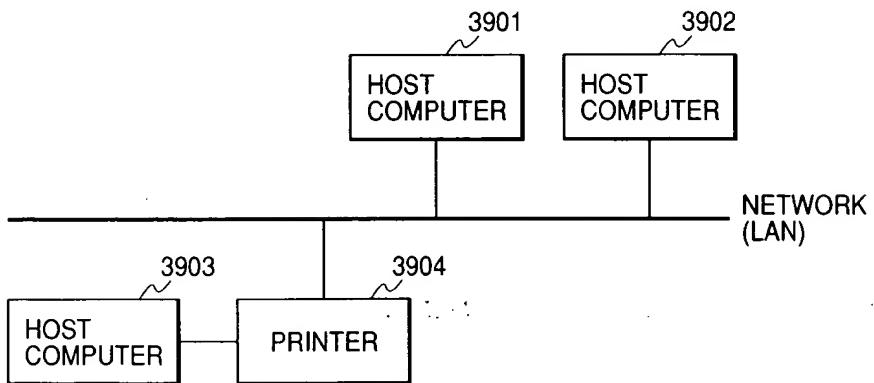


FIG. 38

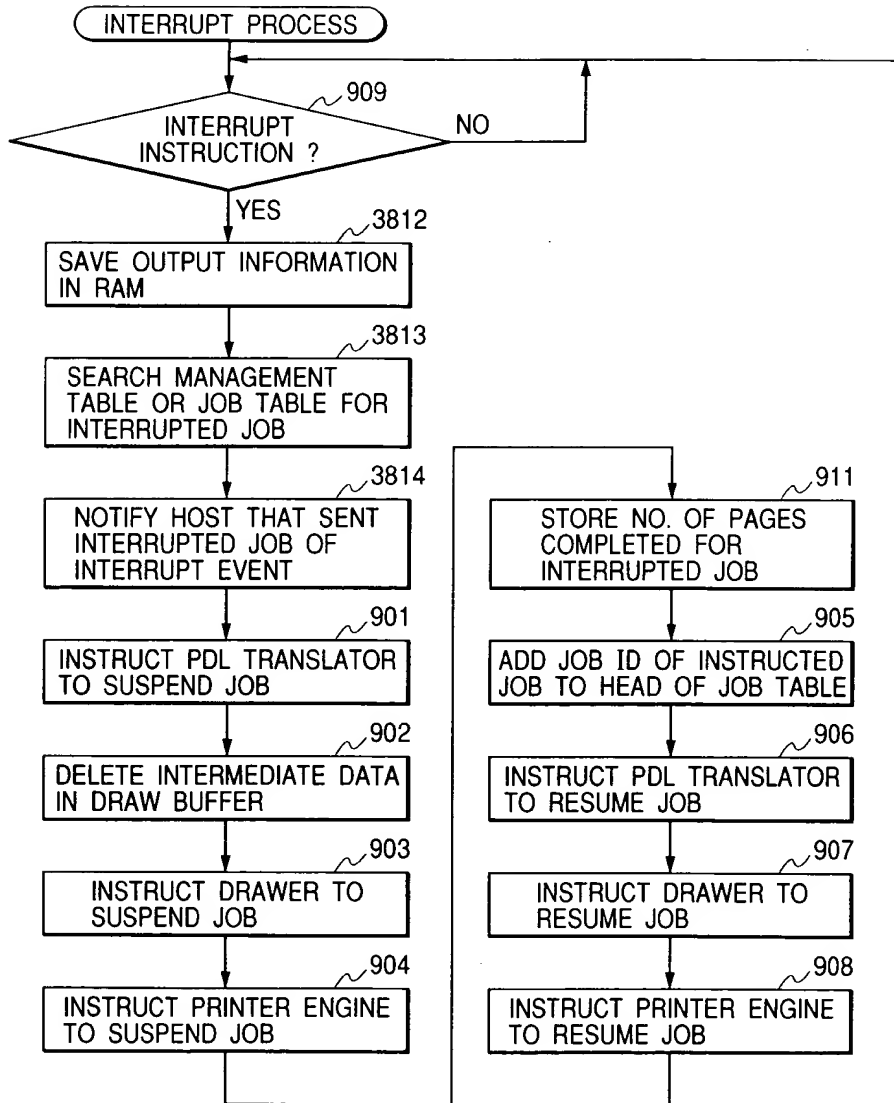


FIG. 40

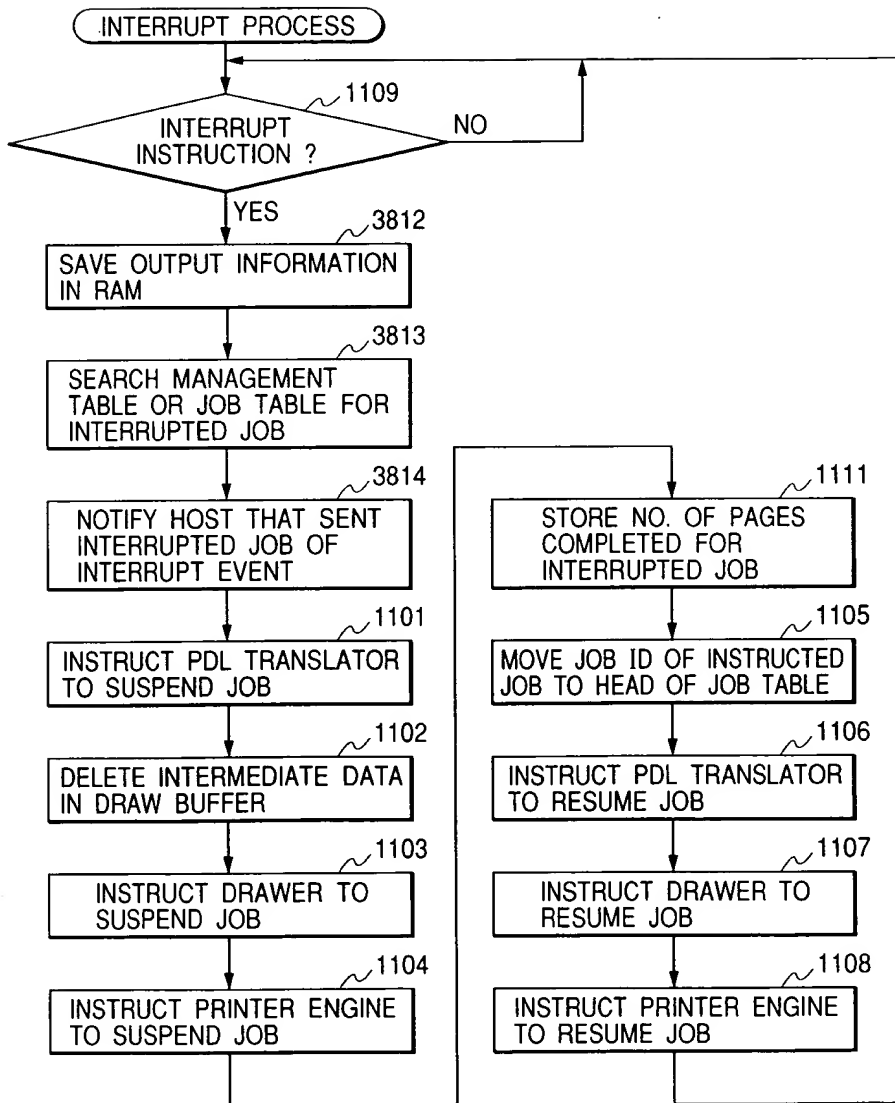


FIG. 41

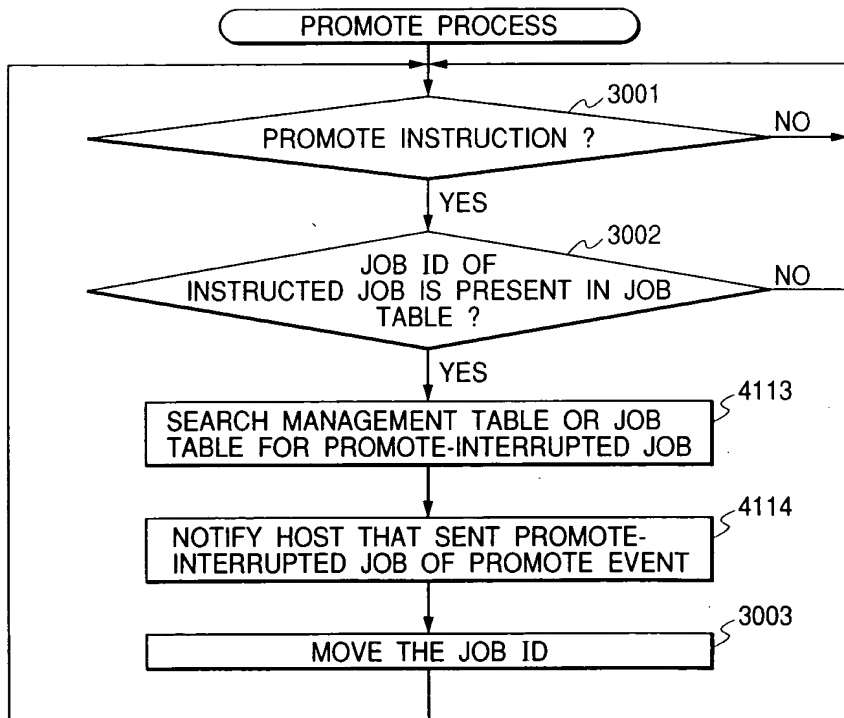
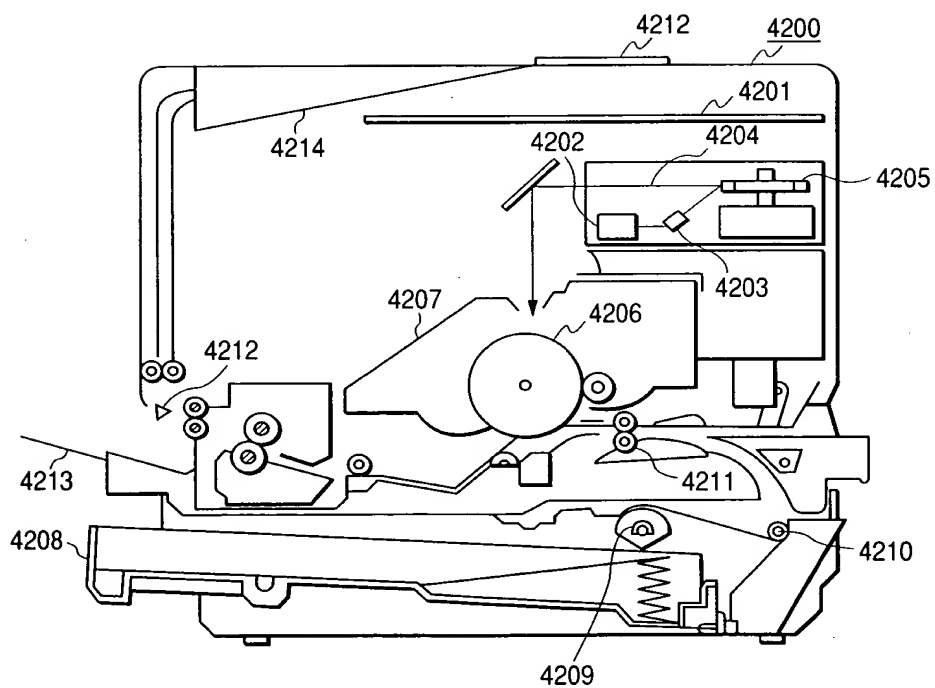


FIG. 42



662227-9020460

FIG. 43

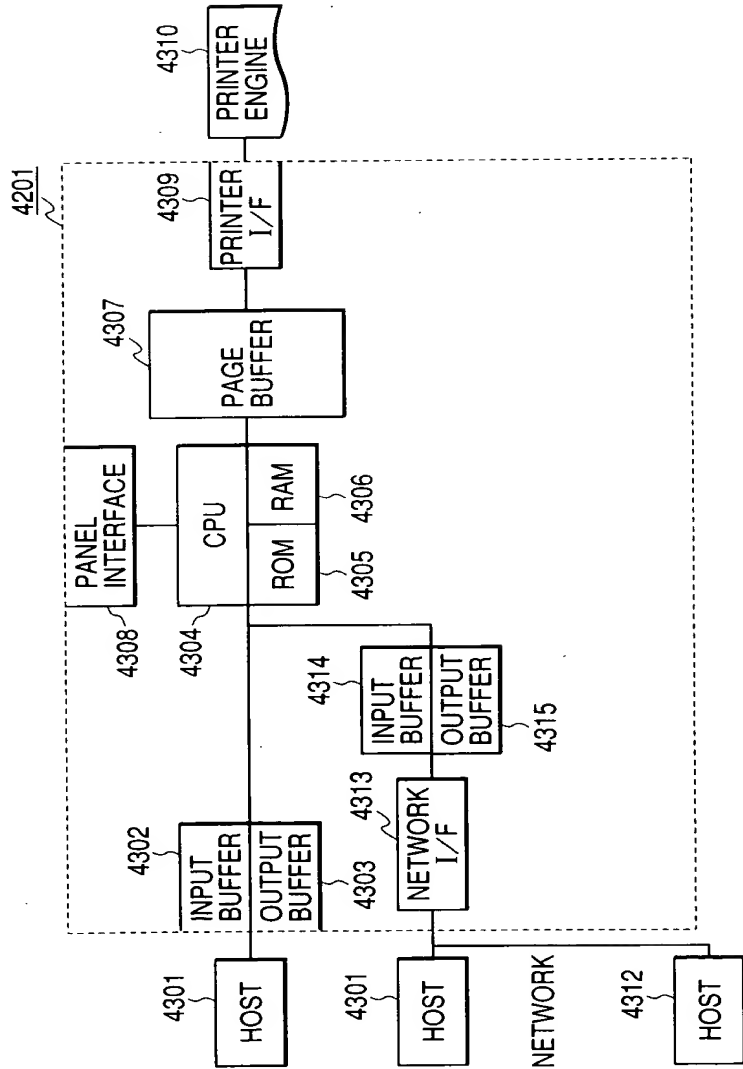


FIG. 44

JOB ID	STATUS	PAGE BUFFER	ANALYSIS INFORMATION	OUTPUT INFORMATION	NETWORK
1	OUTPUTTING	100000		10000	
2	WAITING FOR OUTPUT	180000			111.22.33.44
3	ANALYZING		11000		111.22.33.47

MANAGEMENT TABLE

FIG. 45

ESC	PRO	OUTPUTTING/WAITING FOR OUTPUT / ANALYZING
-----	-----	---

INTERRUPT COMMAND

FIG. 46

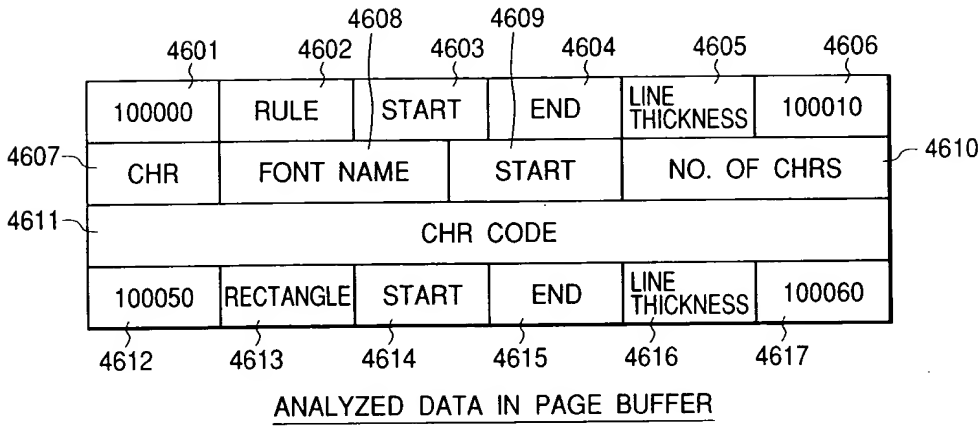


FIG. 47

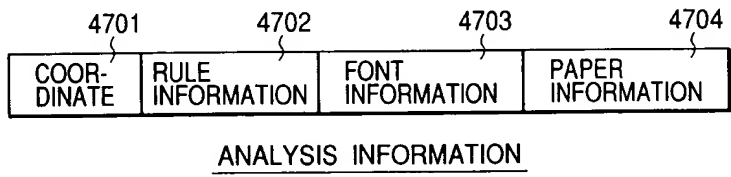


FIG. 48

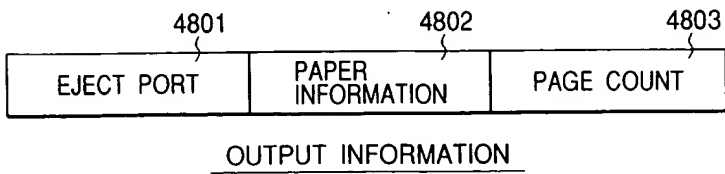


FIG. 49

FIG. 49A

FIG. 49B

FIG. 49A

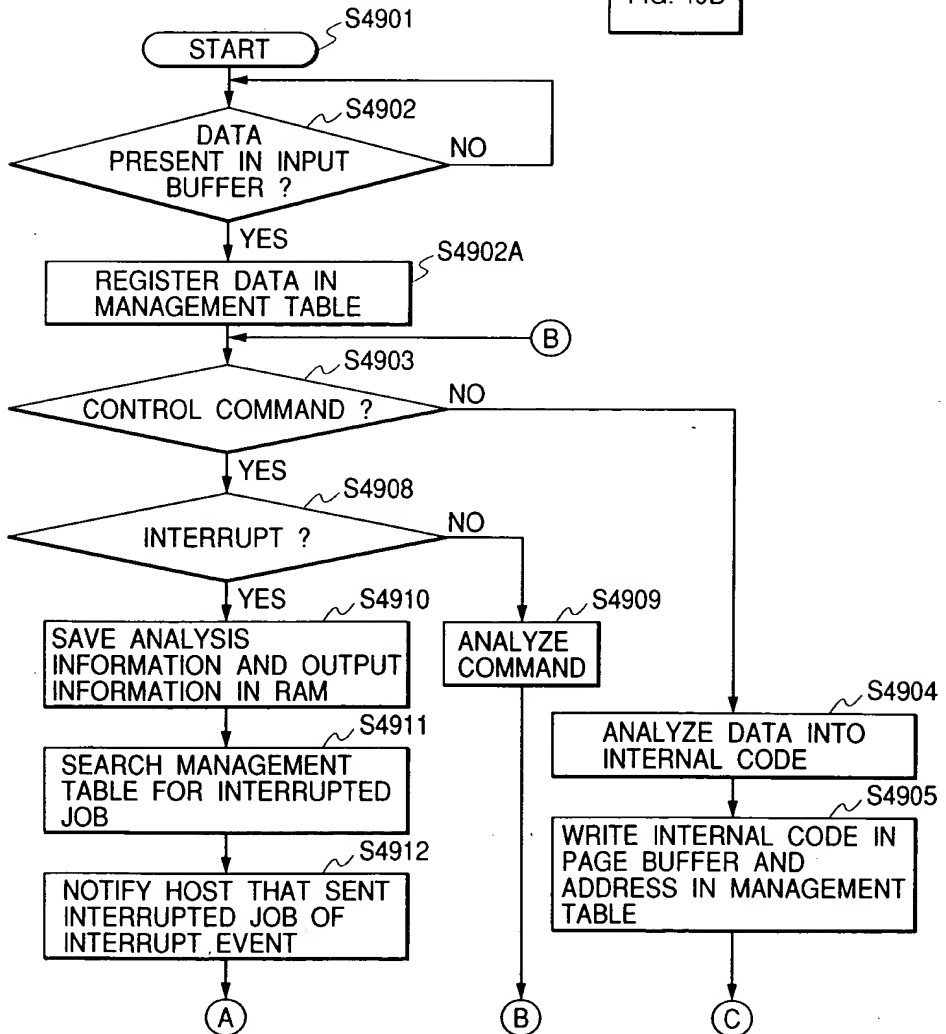


FIG. 49B

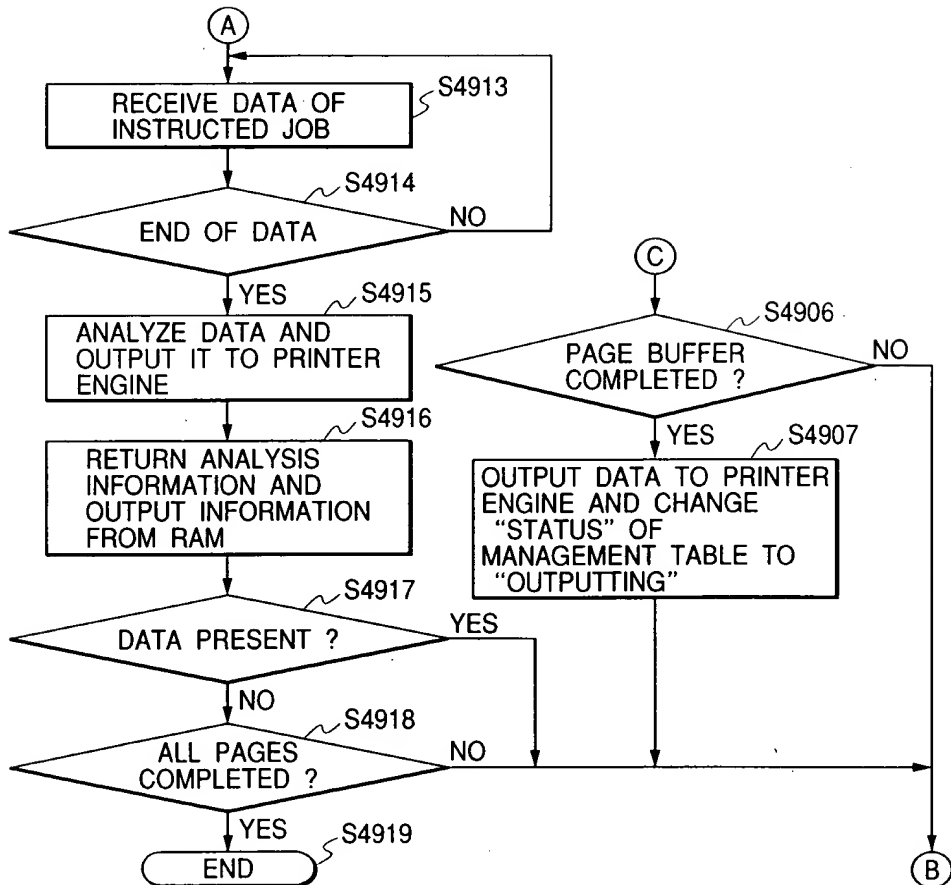
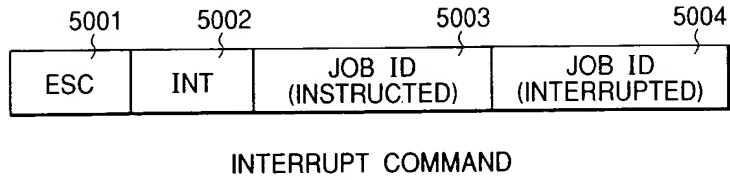
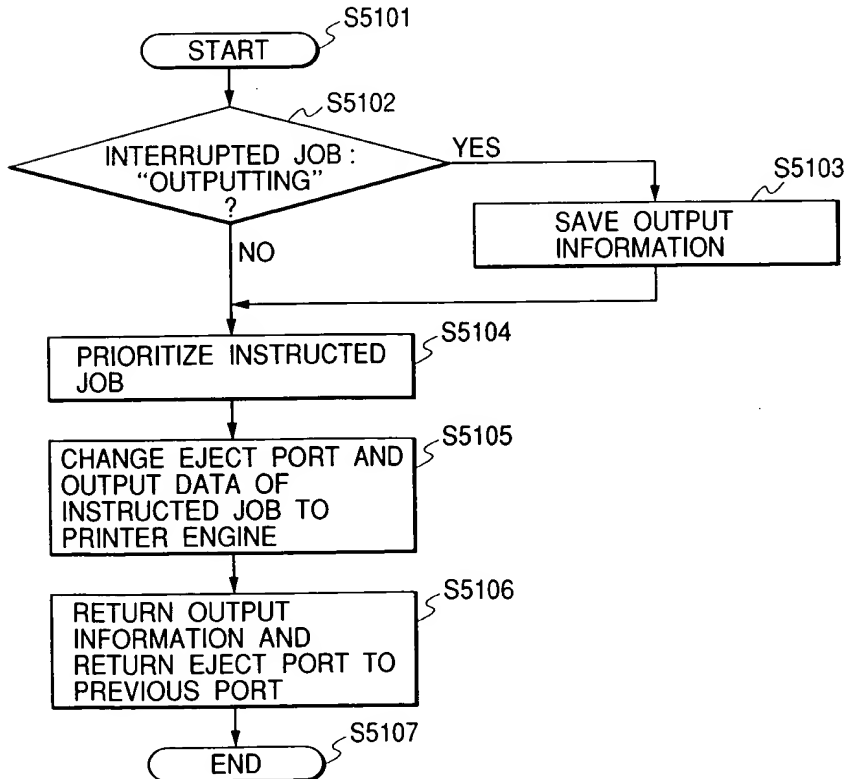


FIG. 50**FIG. 51**
 004006 12209
 00221 9002400